Cambridge Lower Secondary Mathematics

Basic Foundation / Mental Math Calculation

Tutorial 10

Instruction : Answer all the questions below.

Time allocated : 30 minutes

Total marks : / 40

Prepared by : Ms Sopna

1. Solve the following questions.

a) $12 + 45 =$

b) $45 + 88 =$

c) $26 - 12 =$

d) $98 - 49 =$

e) $3 \times 6 =$

f) $4 \times 8 =$

g) $12 \times 14 =$

h) $15 \div 3 =$

i) $4 \div 3 =$

j) $6 \div 5 =$

k) $16 \div 9 =$

l) $56 \div 5 =$

m) $98 \div 7 =$

n) $48 \div 13 =$

o) $42 \div 14 =$

p) $80 \div 12 =$

q) $108 \div 15 =$

r) $150 \div 15 =$

s) $250 \div 20 =$

t) $300 \div 40 =$

2. Convert the following improper fractions to mixed fractions.

a) $\frac{3}{2} =$

b) $\frac{8}{5} =$

c) $\frac{12}{5} =$

d) $\frac{13}{11} =$

e) $\frac{24}{7} =$

f) $\frac{45}{8} =$

g) $\frac{91}{9} =$

h) $\frac{108}{13} =$

i) $\frac{86}{11} =$

j) $\frac{250}{20} =$

3. Convert the following mixed fractions to improper fractions.

a) $1\frac{1}{3} =$

b) $2\frac{2}{5} =$

c) $3\frac{4}{7} =$

d) $5\frac{8}{9} =$

e) $6\frac{7}{8} =$

f) $9\frac{4}{9} =$

g) $10\frac{9}{11} =$

h) $11\frac{5}{8} =$

i) $15\frac{11}{16} =$

j) $20\frac{12}{15} =$